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Growth Through Agricultural Progress

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICEBreed Distribution of NPIP Participating Flocks by States and Divisions,
1949-50, 1959-60 and 1960-61

The tabulation which follows shows the number of birds in NPIP hatchery supply flocks and the percentage distribution according to the matings in which they were used. These data indicate the trend in the type of chick demanded in the various States and Divisions. This is not an entirely accurate indication of breed popularity since the Crossmated totals include a high proportion of purebreds which would otherwise be listed under the respective breed totals. The divisional totals are for the year 1960-61.

Breed distribution data for the past 20 years for all reporting States are summarized on page 4. The most significant data seem to be the continuation of the increase in the percentage of birds in crossmated flocks. This trend is largely due to the increase in the number of crossmated flocks for broiler production.

Division State and Year	Total Birds	Percentage distribution by varieties							
		New Hampshire	White Leghorn	White Rock	Barred Rock	Rhode Is- land Red	Cross- mated	Incross- mated	Other
Maine									
1949-50	1,145,179	67.7	0.1	1.6	19.8	10.1	0.3	----	0.4
1959-60	1,732,549	----	.3	5.4	----	.1	92.2	0.6	1.4
1960-61	1,781,305	----	1.0	5.4	----	----	85.2	----	8.4
New Hampshire									
1949-50	1,605,041	88.1	.4	.7	9.7	1.0	----	----	.1
1959-60	665,893	5.7	1.6	49.1	3.8	1.2	31.2	----	7.4
1960-61	609,858	4.9	1.4	47.2	3.8	1.9	34.0	----	6.8
Vermont									
1949-50	190,083	45.3	----	.5	39.4	14.7	----	----	.1
1959-60	200,874	1.7	11.5	3.6	----	1.0	82.2	----	.03
1960-61	129,982	----	21.2	.9	----	----	77.7	----	.2
Massachusetts									
1949-50	1,099,358	25.8	1.3	3.1	20.5	35.4	11.6	----	2.3
1959-60	510,489	----	2.0	7.7	2.9	12.1	70.2	----	5.1
1960-61	501,988	----	4.9	13.1	4.9	9.9	61.4	1.2	4.6
Rhode Island									
1949-50	53,424	20.9	.6	6.6	36.0	34.0	.06	----	1.84
1959-60	30,050	.5	2.0	.8	1.0	8.2	79.1	----	8.4
1960-61	64,464	----	.7	.4	----	2.5	79.6	----	16.8
Connecticut									
1949-50	594,362	34.8	1.9	11.1	34.7	16.2	.02	----	1.3
1959-60	616,653	----	4.7	34.1	10.6	1.8	48.6	----	.2
1960-61	465,284	----	8.7	75.8	.8	----	11.3	3.3	.1
New York									
1949-50	869,571	32.2	37.1	2.1	19.7	8.4	----	----	.5
1959-60	495,124	1.0	81.6	.7	.4	2.3	11.5	2.1	.4
1960-61	388,550	1.3	76.1	2.1	----	2.8	14.7	2.8	.2
New Jersey									
1949-50	710,545	10.7	67.0	1.6	3.2	4.7	12.3	----	.5
1959-60	527,358	.2	70.3	4.3	.5	.8	13.6	10.1	.2
1960-61	445,334	.4	68.8	1.2	.2	1.0	24.7	2.7	1.0
Pennsylvania									
1949-50	1,336,042	46.8	22.3	3.5	2.8	1.2	22.6	----	.8
1959-60	1,437,016	.7	28.5	3.6	.2	.5	55.2	10.7	.6
1960-61	1,425,580	.7	29.6	2.6	.2	.4	54.0	11.6	.9
NO. ATLANTIC	5,812,345	.8	19.7	14.7	.9	1.5	54.6	3.6	4.2

Division State and Year	Total Birds	Percentage distribution by varieties							
		New Hampshire	White Leghorn	White Rock	Barred Rock	Rhode Is- land Red	Cross- mated	Incross- mated	Other
Ohio									
1949-50	1,684,911	29.5	27.4	23.1	5.6	2.1	8.5	----	4.7
1959-60	825,927	5.0	28.0	14.4	1.1	1.2	28.3	19.7	2.3
1960-61	695,615	4.3	25.0	10.7	1.2	1.2	33.6	21.4	2.6
Indiana									
1949-50	2,883,704	37.4	16.0	21.0	12.1	3.0	6.7	----	3.8
1959-60	2,615,551	3.1	16.8	10.2	.6	.9	62.0	5.6	.8
1960-61	2,105,221	3.1	18.5	9.8	.7	.9	59.7	6.2	1.1
Illinois									
1949-50	2,958,328	19.0	20.3	26.8	5.3	1.7	20.2	----	6.7
1959-60	1,064,705	4.2	32.5	11.6	.8	1.2	21.3	24.2	4.2
1960-61	984,846	3.5	30.4	10.0	.5	1.2	22.4	28.0	4.0
Michigan									
1949-50	682,453	12.8	43.1	17.2	6.1	5.4	11.5	----	3.9
1959-60	308,609	1.1	43.9	7.8	.1	1.5	27.6	17.3	.7
1960-61	267,166	.7	40.1	8.0	.1	1.5	31.5	16.6	1.5
Wisconsin									
1949-50	376,692	9.1	70.3	11.2	.4	1.3	6.4	----	1.3
1959-60	390,046	.3	26.4	5.0	----	.1	43.2	16.0	9.1
1960-61	356,586	.1	25.9	8.6	----	----	44.2	16.0	5.2
E. NO. CENTRAL	4,409,434	3.0	24.1	9.8	.6	1.0	44.3	14.9	2.3
Minnesota									
1949-50	2,080,412	6.5	58.5	3.6	.2	.6	29.1	----	1.5
1959-60	1,276,269	.4	53.4	4.2	.1	.2	17.9	23.0	.8
1960-61	1,221,515	.2	49.0	1.8	.1	.1	25.1	22.7	1.0
Iowa									
1949-50	1,455,814	14.3	34.6	11.8	1.6	.4	35.9	----	1.4
1959-60	1,304,683	.1	31.4	1.8	.01	.6	26.8	37.6	1.7
1960-61	1,234,174	.1	36.2	1.1	.1	.3	23.9	36.3	2.0
Missouri									
1949-50	3,288,636	32.2	20.4	16.8	4.2	5.5	13.3	----	7.6
1959-60	2,106,902	2.8	7.0	3.5	.6	1.8	80.3	2.3	1.7
1960-61	1,893,096	2.7	7.7	4.0	.6	1.8	79.1	1.9	2.2
North Dakota									
1949-50	218,871	15.7	34.9	28.2	.6	.7	15.9	----	4.0
1959-60	122,244	4.4	25.0	22.5	.3	.2	37.2	7.3	3.1
1960-61	110,956	3.7	21.4	25.8	.2	----	41.5	5.5	1.9
South Dakota									
1949-50	365,302	13.4	35.6	18.5	.7	----	24.7	----	7.1
1959-60	245,157	.3	48.0	2.1	----	1.5	26.1	17.9	4.1
1960-61	239,910	.2	49.4	2.4	----	.4	26.1	17.1	4.4
Nebraska									
1949-50	511,587	27.5	16.9	19.4	.2	.9	20.2	----	14.9
1959-60	367,536	.8	21.4	3.7	----	.5	37.7	35.5	.4
1960-61	349,571	1.0	19.3	3.6	----	.3	36.2	37.2	2.4
Kansas									
1949-50	1,070,142	25.6	16.2	15.6	1.2	1.9	32.1	----	7.4
1959-60	398,351	1.5	16.3	3.0	.3	2.0	56.4	18.6	1.9
1960-61	316,648	2.2	20.8	3.9	.3	1.5	50.4	17.8	3.1
W. NO. CENTRAL	5,365,870	1.3	27.3	3.2	.3	.9	46.5	18.5	2.0
Delaware									
1949-50	592,893	10.4	1.0	.03	1.3	.2	85.5	----	1.6
1959-60	533,489	.1	2.4	.1	----	.2	96.2	.9	.1
1960-61	505,576	.2	1.2	.1	----	.2	98.0	.1	.2
Maryland									
1949-50	617,353	16.1	20.3	3.3	3.6	2.0	52.2	----	2.5
1959-60	278,003	1.0	4.4	1.6	----	.1	89.7	3.2	----
1960-61	270,579	.9	4.5	----	----	.2	91.26	3.1	.04
Virginia									
1949-50	1,138,368	80.9	6.3	.6	2.1	.7	9.3	----	.1
1959-60	1,058,519	.8	4.1	3.3	.01	.9	88.0	2.7	.23
1960-61	1,095,717	.5	3.7	3.7	.02	.7	88.5	2.6	.28

Percentage distribution by varieties

Division State and Year	Total Birds	New Hampshire	White Leghorn	White Rock	Barred Rock	Rhode Is- land Red	Cross- mated	Incross- mated	Other
West Virginia									
1949-50	266,251	51.7	9.6	3.0	1.8	1.3	29.3	----	3.3
1959-60	113,618	5.1	13.1	1.5	.3	1.9	74.7	.6	2.8
1960-61	87,184	7.8	10.5	2.5	.5	2.1	73.2	1.1	2.3
North Carolina									
1949-50	1,487,451	86.0	4.1	1.1	3.5	3.1	1.8	----	.4
1959-60	3,296,552	----	3.6	3.2	.03	1.8	90.7	.7	.02
1960-61	4,140,010	.1	2.4	1.3	.01	1.5	87.39	.6	6.7
South Carolina									
1949-50	170,354	79.0	3.7	3.6	4.6	6.2	1.7	----	1.2
1959-60	416,931	.2	8.6	10.9	.3	4.3	73.4	2.3	----
1960-61	458,887	----	6.9	12.6	.4	3.2	75.6	1.3	----
Georgia									
1949-50	1,282,815	89.1	.5	----	.5	2.2	5.1	----	2.6
1959-60	4,784,437	2.3	6.3	5.8	----	.1	85.2	----	.3
1960-61	5,310,293	4.2	3.6	6.3	----	.03	85.07	----	.8
Florida									
1949-50	242,599	76.4	18.5	.3	.2	2.7	1.4	----	.5
1959-60	259,046	.9	35.6	4.3	.5	.3	43.1	14.6	.8
1960-61	255,593	.7	40.1	1.5	.5	.9	41.3	14.4	.6
SO. ATLANTIC	12,123,839	2.0	4.1	4.1	.04	.7	85.5	.9	2.66
Kentucky									
1949-50	629,631	50.9	4.0	23.1	12.7	4.6	1.6	----	3.1
1959-60	317,011	9.4	8.4	9.4	1.5	.5	70.2	.3	.3
1960-61	249,516	8.5	10.9	7.4	1.1	.4	64.8	4.4	2.5
Tennessee									
1949-50	261,394	52.0	8.3	14.9	12.1	3.2	2.0	----	7.5
1959-60	430,016	3.0	13.4	3.4	1.4	1.9	68.2	8.3	.4
1960-61	361,463	3.1	10.7	4.7	.8	1.9	68.9	9.6	.3
Alabama									
1949-50	314,210	85.6	7.8	1.5	1.5	1.1	1.6	----	.9
1959-60	1,784,039	.1	3.0	10.6	.5	.4	84.1	1.3	.02
1960-61	2,056,756	.04	4.4	9.8	2.1	.5	82.05	1.1	.01
Mississippi									
1949-50	187,654	73.3	7.3	4.0	2.8	1.3	9.5	----	1.8
1959-60	1,557,938	.07	3.6	8.2	.01	.1	87.4	.6	.01
1960-61	1,523,996	.05	4.3	3.0	.002	.3	91.548	.7	.1
Arkansas									
1949-50	285,773	19.9	3.5	4.2	7.9	1.1	52.1	----	11.3
1959-60	1,434,037	----	3.1	9.2	.01	----	86.2	1.4	.1
1960-61	1,908,376	.01	3.5	7.3	.003	.01	86.917	2.2	.06
Louisiana									
1949-50	78,808	47.0	7.1	13.2	9.4	4.7	2.9	----	15.7
1959-60	260,126	.9	6.4	----	----	1.0	88.9	2.4	.4
1960-61	379,368	.2	7.9	----	----	----	89.0	1.9	1.0
Oklahoma									
1949-50	328,189	21.3	20.5	16.2	2.6	2.8	27.0	----	9.6
1959-60	229,252	5.9	15.8	6.5	.3	.5	60.8	4.4	5.8
1960-61	179,256	6.5	17.9	6.2	.5	.6	59.7	3.3	5.3
Texas									
1949-50	482,376	19.0	47.9	4.2	2.9	1.6	19.9	----	4.5
1959-60	371,725	.2	28.5	2.6	----	----	34.8	33.8	.3
1960-61	437,349	.1	22.5	8.9	----	----	31.0	37.4	.1
SO. CENTRAL	7,096,080	.7	6.3	6.7	.7	.3	80.8	4.2	.3
Montana									
1949-50	39,710	32.4	32.7	8.6	.8	1.5	19.9	----	4.1
1959-60	63,125	5.5	40.5	6.5	----	----	41.8	5.5	.2
1960-61	58,499	5.4	33.6	5.3	----	----	52.7	3.0	----
Idaho									
1949-50	100,068	41.2	30.4	6.0	.8	1.5	19.1	----	1.0
1959-60	82,418	10.1	36.0	2.4	----	.6	49.7	.9	.3
1960-61	70,428	3.8	49.8	3.0	----	.4	40.9	1.7	.4

Division State and Year	Total Birds	Percentage distribution by varieties							
		New Hampshire	White Leghorn	White Rock	Barred Rock	Rhode Is- land Red	Cross- mated	Incross- mated	Other
Wyoming									
1949-50	15,339	26.4	32.8	26.2	----	1.2	11.2	----	2.2
1959-60	4,176	5.7	4.0	12.1	----	----	9.0	69.2	----
1960-61	3,348	6.3	5.2	21.7	----	----	9.3	57.5	----
Colorado									
1949-50	176,344	26.8	27.3	20.1	1.2	3.4	19.9	----	1.3
1959-60	57,491	7.9	19.7	14.9	----	----	25.7	31.4	.4
1960-61	27,904	8.7	35.9	14.4	----	----	22.4	18.2	.4
New Mexico									
1949-50	8,626	27.1	52.8	----	----	----	20.1	----	----
1959-60	-----	----	----	----	----	----	----	----	----
1960-61	-----	----	----	----	----	----	----	----	----
Arizona									
1949-50	16,218	53.2	23.7	----	.7	12.7	9.5	----	.2
1959-60	26,588	----	55.6	----	----	5.6	16.2	22.6	----
1960-61	23,813	----	76.3	----	----	3.3	2.4	18.0	----
Utah									
1949-50	92,601	15.9	77.9	.1	.1	----	5.4	----	.6
1959-60	73,684	7.4	44.4	2.0	----	----	19.2	27.0	.04
1960-61	64,146	2.9	52.2	.5	----	----	25.0	19.4	----
Washington									
1949-50	457,906	43.7	34.5	.6	.4	11.0	8.8	----	1.0
1959-60	476,431	1.8	51.9	2.3	.04	.9	38.3	4.4	.4
1960-61	415,083	1.2	41.6	3.1	----	1.0	47.7	3.0	2.4
Oregon									
1949-50	433,320	50.8	16.8	.9	.2	14.4	15.7	----	1.2
1959-60	406,453	3.0	22.8	2.3	.3	2.2	67.9	1.3	.2
1960-61	352,470	3.1	18.4	3.6	.2	2.6	70.7	1.1	.3
California									
1949-50	1,308,799	36.6	53.6	----	1.9	.6	3.5	----	3.8
1959-60	543,698	9.2	13.7	9.7	.02	----	58.9	7.3	1.2
1960-61	776,668	.7	9.9	11.9	.01	----	71.19	5.1	1.2
WESTERN	1,792,359	1.8	24.0	7.1	.04	.8	60.36	4.6	1.3

Summary of Breed Distribution in NPIP Hatchery Supply Flocks
1941-42 to 1960-61

Year	States	Total Birds	Percentage							
			New Hampshire	White Leghorn	White Rock	Barred Rock	Rhode Is- land Red	Cross- mated	Incross- mated	Other
1941-42	33	10,712,027	21.2	24.1	15.6	16.2	12.5	2.0	----	8.4
1942-43	40	15,780,980	19.2	26.6	18.3	15.7	8.9	3.0	----	8.3
1943-44	42	20,331,999	19.4	25.9	19.7	13.9	8.3	5.5	----	7.3
1944-45	39	17,573,321	20.6	25.8	17.5	12.4	8.0	9.8	----	5.9
1945-46	32	20,256,904	23.8	23.1	17.0	11.4	7.7	11.3	----	5.7
1946-47	38	24,490,346	23.4	25.4	17.4	10.0	6.5	11.1	----	6.2
1947-48	42	25,148,247	25.9	24.7	15.2	10.2	6.8	12.4	----	4.8
1948-49	44	26,458,372	31.9	25.7	13.2	7.8	5.6	11.9	----	3.9
1949-50	47	36,195,375	38.8	21.9	10.4	6.3	4.3	15.1	----	3.2
1950-51	47	33,804,603	38.9	21.6	10.1	5.8	4.1	16.4	----	3.1
1951-52	47	37,559,597	41.4	18.9	11.9	4.0	3.3	14.3	3.4	2.8
1952-53	47	33,847,682	36.2	20.1	14.8	3.5	3.2	16.0	4.0	2.2
1953-54	47	36,027,365	25.4	18.9	23.1	2.2	2.7	19.7	5.1	2.9
1954-55	47	37,066,336	16.0	19.2	29.5	1.3	2.7	21.2	7.0	3.1
1955-56	47	34,881,690	6.7	18.9	25.2	1.2	2.3	34.0	9.1	2.6
1956-57	47	39,013,812	4.1	14.8	21.0	1.0	1.7	47.1	8.0	2.3
1957-58	47	35,588,558	3.2	17.0	10.1	.7	1.7	57.7	8.4	1.2
1958-59	47	39,988,155	2.1	15.5	9.8	.5	1.2	63.5	6.4	1.0
1959-60	47	36,100,789	1.7	15.5	7.2	.5	1.0	66.2	6.8	1.1
1960-61	47	36,599,927	1.6	13.8	7.0	.4	.8	67.8	6.4	2.2

Information in this report was compiled by the Animal Husbandry Research Division,
Agricultural Research Service.